

# ACCIDENT AVOIDANCE INTELLIGENT SYSTEM FOR ELECTRIC CARS

Prepared by: Charles Low, Cheong Chia Kwan, Chan Chow Loon, Lim Fong Kian

## ABSTRACT

---

This project is to design a prototype model car with multiple sensors and transducers feeding to an intelligent control system. It also covers the area of obstacle detection and accident avoidance. A 'vision' approach was used in this project by incorporating extensive use of the infrared sensors. Thus contributing to the research of auto piloting techniques.